# GY-Floats

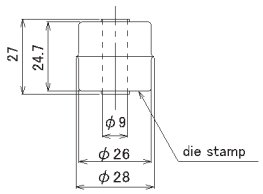
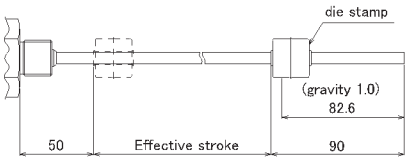
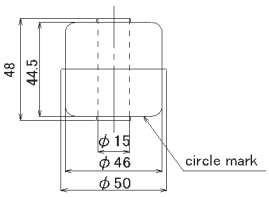
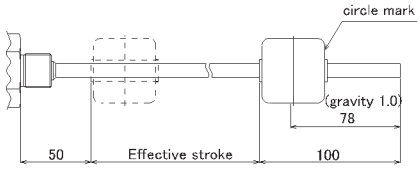
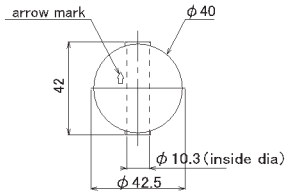
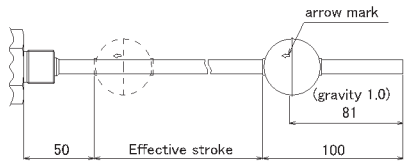
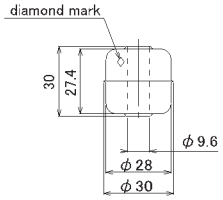
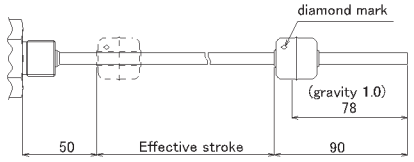
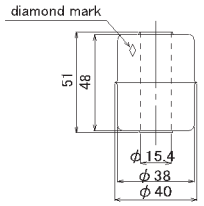
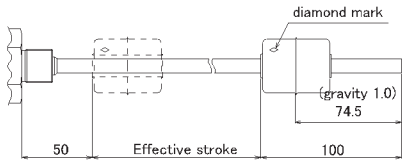
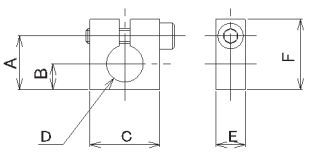
## Floats for the GY-series

The GY-series cylinder sensors are also very suitable for liquid level detection. The sensor probes are made of stainless steel and thus fits most liquids, like water, oil, chemicals etc.

We offer several sizes and materials of floats to fit the actual liquid/density and pressure. If you need support to find the right floats, please contact us with information about density and pressure, and we will suggest the best float.
Permanent magnets are mounted in the floats to detect the position in the magnetostrictive material. These are designed for our sensors and for use in many different applications.

Below you find drawings of our standard versions with dimensions.

Please contact Regal Components if you have any questions.

| Model | Dimensions | Specifications | | Dead Zone (mm) |
|---|---|---|---|---|
| ϕ28<br>SS316 |  | Material<br>Specific gravity<br>Burst<br>Install direction | SS316<br>0.75<br>1MPa<br>die stamp |  |
| ϕ50<br>SS316 |  | Material<br>Specific gravity<br>Burst<br>Install direction | SS316<br>0.53<br>1MPa<br>circle mark |  |
| ϕ42.5<br>SS316 |  | Material<br>Specific gravity<br>Burst<br>Install direction | SS316<br>0.55<br>4MPa<br>arrow mark |  |
| ϕ30<br>SS316L |  | Material<br>Specific gravity<br>Burst<br>Install direction | SS316L<br>0.66<br>2MPa<br>diamond mark |  |
| ϕ40<br>SS316 |  | Material<br>Specific gravity<br>Burst<br>Install direction | SS316<br>0.52<br>1.4MPa<br>diamond mark |  |
| Float<br>stopper |  | Material<br>Specific gravity<br>Burst<br>Install direction | SS316<br>———<br>———<br>——— | |

Float stoppers dimensions

| Probe dia | ϕ8 | ϕ10 | ϕ13.8 |
|---|---|---|---|
| A | 14.5 | 14.5 | 20 |
| B | 6 | 7 | 9 |
| C | 19 | 19 | 25 |
| D | ϕ8.2 | ϕ10.2 | ϕ14 |
| E | 8 | 8 | 8 |
| F | 19 | 19 | 25 |

*2015-07-29, specifications subject to change without notice*